



DATE: August 7, 2015
TO: STA Arterials, Highways, and Freeways Committee
FROM: Anthony Adams, Assistant Project Manager
RE: Solano County Pothole Report Update

Background:

On October 8, 2014, the STA Board approved the 2014 Solano County Pothole Report. In summary, the 2014 Pothole Report concluded that Solano County and its 7 cities are cumulatively invest an average of \$20M annually in maintaining local streets and roads, based on the past 5 year average. In order to achieve an average countywide pavement condition index (PCI) goal of 65, an additional \$24M annually is needed over the next 15 years. This amount is more than twice as much as we are now spending just to maintain local streets and roads in "fair condition." Since the costs of roadway rehabilitation increase substantially when PCI drops below 60 (roads categorized as "at-risk"), having a countywide goal of 65 would poise our roads on the edge of a maintenance cliff. To reach the higher PCI goal of 75, as stated in the Solano Comprehensive Transportation Plan, \$50M additional funds are needed annually over the next 15 years to reach a 'state of good repair' - two and a half times more than our current investment.

This large funding gap has resulted in numerous member agency's roadways continuing to degrade from previous highs. The cities with the highest PCI scores were also the ones with the most residential housing growth over the past decade. These new housing subdivisions served to increase the PCI average of the cities, skewing the reality of poor road conditions in the older parts of those cities. With new housing developments slowing in Solano County, cities can no longer rely on new development and impact fees to prop up their PCI scores.

Discussion:

Since the adoption of the 2014 Solano County Annual Pothole Report, member agencies have provided STA with roadway maintenance budget data for Fiscal Year (FY) 2014-15. Also, to show more recent funding trends, an average of the last 3 year's budgets, instead of the last 5 year's budgets, were used to project PCI into the future. These new numbers give an annual countywide roadway current 3-year average budget total of \$18.3M. The updated countywide needs calculation shows we are spending less than half of the \$41.6M that will be needed to be spent annually to maintain PCI 60 by 2021. Solano countywide would need to spend \$97.9M annually to achieve PCI 75 by 2021. These updated numbers show that, while some jurisdiction are having success in keeping PCI scores high, the overall trend is for the PCI to decrease and the cost of maintenance to increase.

A 2015 Solano County Pothole Report is in the process of being compiled and is expected to be presented and adopted before the end of the 2015 calendar year. Input from STA Technical Advisory Committee (TAC) members on what aspects should be included in the new report is welcomed.

Recommendation:

Informational

Attachment:

A. 2015 City Summary PCI Projected to 2021